

Appl. No. 09/912711
Amdt. dated October 4, 2004
Reply to Office action of April 2, 2004

REMARKS

Claims 28, 29, 33, and 35 have been amended. Claims 30 and 31 have been cancelled. Claims 28-29 and 32-40 remain pending. Reconsideration and reexamination of the application, as amended, are requested.

The Examiner rejected claims 28-32, 34, 35, 36-38 and 40 under 35 USC §103(a) as being obvious on consideration of Feamster et al., in view of Matsumoto.

Feamster discloses a computer system utilizing a compact intelligence disk. The disk includes a storage medium on one side and active circuitry on the other side. The disk includes most of the high speed components of the computer system. The disk player which is used in conjunction with the disk includes those components least likely to change over time. By combining the circuitry and data on the disk with the disk player, a computer system can be easily changed simply by changing disks.

Matsumoto discloses an IC card system. The IC card includes a data storage region with a plurality of areas. The card has a plurality of terminals which match with terminals on the reader of the IC card system. Depending on the terminals which match with respect to a particular reader, different areas of the data storage region are accessed.

Claims 28 and 29 are directed to disk storage media. Claim 35 is directed to a computer system comprising disk storage media. With respect to each of these claims, the disk storage media has an information storage portion and an electronic circuit portion. The information storage portion stores a plurality of information including a plurality of emulators of system operating programs. The electronic circuit portion includes discrimination means for discriminating an operating condition of the external system, selecting means for selecting one of the plurality of emulators matched with the operating condition, and notifying means for notifying an identifier showing a storage portion of the selected one of the plurality of emulators.

The disc of Feamster is essentially the heart of a computing system which can be easily transported from one disk player to another. Likewise, a new computer can easily be created by changing disks. Feamster does not disclose a disk having a plurality of emulators of system operating programs which can effectively change the operating system of a computer.

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Matsumoto adds nothing in this regard. Matsumoto discloses an IC card which interacts with a reader in certain ways depending on terminals present. Thus, Feamster in view of Matsumoto do not suggest the disk storage media of claims 28, 29, and 35. Furthermore, the claims which depend from these claims are also non-obvious over these references.

Claim 36 is directed to a computer system including disk storage media and further including a printer. The information storage portion of the disk storage media stores a printing condition. The electronic circuit portion of the disk storage media includes discriminating means for discriminating a print condition of the printer, selecting means for selecting a printing condition matched with the discriminated condition, and notifying means for notifying an identifier showing a storage portion of the selected printing condition. The computer reading of the printing condition adjusts the printing environment.

Neither Feamster nor Matsumoto discloses a printer, the information storage portion of the disk storage media storing a printing condition, and the electronic circuit portion of the disk storage media having discriminating means for discriminating the print condition, selecting means for selecting the printing condition matched with the discriminated condition, and notifying means for notifying an identifier showing a storage portion of the select printing condition. Hence, claim 36 and the claims which depend from it are patentable over Feamster and Matsumoto.

The Examiner rejected claims 33, 36, and 39 under 35 USC §103(a) as being obvious on consideration of Feamster et al., Matsumoto and further in view of Schmidt.

Schmidt discloses the use of a disk, a disk drive, an associated computer system, and a printer. Schmidt is directed to the security of the printer since the printer is intended for use in printing items of monetary value.

Claim 36 requires disk storage media having an information storage portion and an electronic circuit portion. The computer system includes a printer. The information storage portion of the disk storage media stores a printing condition. The electronic circuit portion of the disk storage media includes the discriminating means for discriminating the print condition, selecting means for selecting a printing condition matched with the discriminated condition

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among those stored in the information storage portion and notifying means for notifying an identifier showing a storage portion of the selected printing condition stored in the information storage portion. The computer reading the printing condition then adjusts the printing environment from the information storage media for executing a printing suitable for the printing environment.

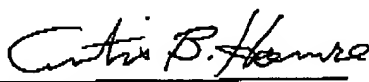
Neither Fearnster nor Matsumoto are directed to a printing environment. Schmidt has a printer included as a part of the computer system. Schmidt, however, does not disclose that the information storage portion of a disk storage media includes storing a printing condition such that the electronic circuit portion of the disk storage media has discriminating means for discriminating the print condition, has selecting means for selecting a printing condition matched with the discriminated condition among those stored in the information storage portion, and notifying means for notifying an identifier showing a storage portion of the selected printing condition stored in the information storage portion. Such structure, as claimed, can adjust the printing environment to be suitable. Schmidt is directed to security and not to the structure claimed. The consideration of the printer and security concerns of Schmidt do not logically cause the disclosures of Fearnster and Matsumoto to result in the computer system of claim 36. Thus, claim 36 and the claims which depend from it are patentable over these references.

In view of the above, it is submitted that the application is in condition for allowance. Reconsideration and reexamination are requested. Allowance of claims 28-29 and 32-40 at an early date is solicited.

Respectfully Submitted,

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